

## **NEVADA COUNTY**

### **2008 Base Funding Work Plan**

Nevada County Dept. of Agriculture  
Member of Nevada-Placer WMA

*January 1, 2009 – December 31, 2009*

**Contract Lead Group and contact information:**

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**WMA Group affiliated with:** Nevada-Placer WMA

**Overview:**

The Nevada County Department of Agriculture (NCDA) will work on four separate weed eradication projects in 2009. NCDA biologists and seasonal technicians trained in weed identification and the proper and safe use of herbicides will carry out survey, mapping and treatment of these projects.

***Project 1: Eradication of A and B Rated Weeds in the Truckee River Basin within Nevada County***

Currently, infestations of A and B rated weeds ranging in size from single plants to five-acre plots inhabit both public and private lands along roadsides and in ecologically sensitive and important recreation areas in the Truckee River Basin. The Interstate 80 and Truckee River corridors serve as direct avenues for weed spread in the project area.

Biologists and seasonal technicians will survey, map and treat new and historical infestations of musk thistle, Scotch thistle, spotted knapweed, diffuse knapweed, Dalmatian toadflax, perennial pepperweed, hoary cress, Russian knapweed and Canada thistle.

***Project 2: Control of Yellow Starthistle on High Value Production Agriculture Lands in Western Nevada County***

County Agricultural Biologists with the assistance of Resource Conservation District and Farm Advisor staff will identify agricultural lands of significant importance and initiate a herbicide cost-share program to eradicate yellow starthistle from such properties.

Biologists will coordinate with adjacent properties to create a leading edge around blocks of prime agricultural lands.

***Project 3: Eradication of Purple Loosestrife in Western Nevada County***

County Agricultural Biologists and seasonal technicians will survey, map and treat purple loosestrife. Infestations are primarily located on private properties. The NCDA will work with landowners to gain access to infestations and build relations to ensure successful long-term eradication.

***Project 4: Maintain Sierra Nevada Yellow Starthistle Leading Edge***

The NCDA will continue to enforce the yellow starthistle leading edge line created in 2008. This will include treating infestations along the leading edge and outliers in eastern Nevada County.

**Mapping and Data Collection:**

All noxious weed sites will be field mapped, recorded with GPS and entered into the NCDA GIS mapping database. Field data collection and reporting for each project will include number of plants treated as well as net and gross acreage surveyed and treated.

Select sites will be photographed and measured for changes in percent cover by point-intercept method pre-and-post treatment.